



PCT09

ENTERED

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/937,727A

DATE: 07/17/2002
 TIME: 09:21:14

Input Set : A:\EP.txt
 Output Set: N:\CRF3\07172002\I937727A.raw

```

3 <110> APPLICANT: Rauhe, Hilmar
4     Feldkamp, Udo
5     Banzhaf, Wolfgang
6     Howard, Jonathan C.
8 <120> TITLE OF INVENTION: Informationcarrying and -processing polymers
W--> 10 <130> FILE REFERENCE:
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/937,727A
C--> 13 <141> CURRENT FILING DATE: 2001-09-28
15 <150> PRIOR APPLICATION NUMBER: 19914808.2 ,c,d
16 <151> PRIOR FILING DATE: 1999-03-31
18 <160> NUMBER OF SEQ ID NOS: 536
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 39
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: OOU: Unique non-biological sequence for representation of
data.
30 <400> SEQUENCE: 1
31   tcgaggatat ccgggcttcg ggtgaccggg atcttaaga 39
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 39
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: OOL: Unique non-biological sequence for representation of
data.
42 <400> SEQUENCE: 2
43   agctttcttaa gatcccggtc acccgaagcc cggatatcc 39
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 39
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: OIU: Unique non-biological sequence for representation of
data.
54 <400> SEQUENCE: 3
55   tcgaggatat cccttggcgg tgaggcggcg atcttaaga 39
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 39
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:

```

64 <223> OTHER INFORMATION: O1L: Unique non-biological sequence for representation of data.

66 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/937,727A

DATE: 07/17/2002

TIME: 09:21:14

Input Set : A:\EP.txt

Output Set : N:\CRF3\07172002\I937727A.raw

```

67 agcttcttaa gatcgccgcc tcaccgcca gggatatcc 39
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 39
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: O2U: Unique non-biological sequence for representation of
data.
78 <400> SEQUENCE: 5
79 tcgaggatat ctgtgggcta cggggccgcg atcttaaga 39
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 39
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: O2L: Unique non-biological sequence for representation of
data.
90 <400> SEQUENCE: 6
91 agcttcttaa gatcgccgcc cggtagccca cagatatcc 39
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 39
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: O3U: Unique non-biological sequence for representation of
data.
102 <400> SEQUENCE: 7
103 tcgaggatat ctaggtggct gcgcggggcg atcttaaga 39
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 39
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: O3L: Unique non-biological sequence for representation of
data.
114 <400> SEQUENCE: 8
115 agcttcttaa gatcgccccg cgcagccacc tagatatcc 39
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 30
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: S0U: Unique non-biological sequence for representation of
data.
126 <400> SEQUENCE: 9
127 ttaagcgaag tggcctggcg ggcgctagcg 30
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 30
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: S0L: Unique non-biological sequence for representation of
data.

```

138 <400> SEQUENCE: 10
139 aattcgctag cgcccgccag gccacttcgc

30

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,727ADATE: 07/17/2002
TIME: 09:21:14Input Set : A:\EP.txt
Output Set: N:\CRF3\07172002\I937727A.raw

142 <210> SEQ ID NO: 11
143 <211> LENGTH: 30
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: S1U: Unique non-biological sequence for representation of
data.
150 <400> SEQUENCE: 11 30
151 ttaagaaccc gagccccgga cgggctagcg
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 30
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: S1L: Unique non-biological sequence for representation of
data.
162 <400> SEQUENCE: 12 30
163 aattcgctag ccggtccggg gctcgggttc
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 30
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: S2U: Unique non-biological sequence for representation of
data.
174 <400> SEQUENCE: 13 30
175 ttaagcgac caggcagagc gcggctagcg
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 30
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: S2L: Unique non-biological sequence for representation of
data.
186 <400> SEQUENCE: 14 30
187 aattcgctag ccgcgctctg cctggtgcgc
190 <210> SEQ ID NO: 15
191 <211> LENGTH: 30
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: S3U: Unique non-biological sequence for representation of
data.
198 <400> SEQUENCE: 15 30
199 ttaagtcctc gtggtcgggc ggcgctagcg
202 <210> SEQ ID NO: 16
203 <211> LENGTH: 30
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: S3L: Unique non-biological sequence for representation of
data.
210 <400> SEQUENCE: 16

211 aattcgctag cgccgcccga ccacgaggac
214 <210> SEQ ID NO: 17

30

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,727A

DATE: 07/17/2002
TIME: 09:21:14

Input Set : A:\EP.txt
Output Set: N:\CRF3\07172002\I937727A.raw

215 <211> LENGTH: 40
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: E0U: Unique non-biological sequence for representation of
data.
222 <400> SEQUENCE: 17
223 gatcccatg gaatcccttg gcggtgaggc ggcgatatct 40
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 40
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: E0L: Unique non-biological sequence for representation of
data.
234 <400> SEQUENCE: 18
235 ctagagatat cgccgcctca ccgccaaggg attccatggg 40
238 <210> SEQ ID NO: 19
239 <211> LENGTH: 40
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: E1U: Unique non-biological sequence for representation of
data.
246 <400> SEQUENCE: 19
247 gatcccatg gaatctgttg gctacggggc cgcgatatct 40
250 <210> SEQ ID NO: 20
251 <211> LENGTH: 40
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: E1L: Unique non-biological sequence for representation of
data.
258 <400> SEQUENCE: 20
259 ctagagatat cgcgccccg tagccacag attccatggg 40
262 <210> SEQ ID NO: 21
263 <211> LENGTH: 40
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: E2U: Unique non-biological sequence for representation of
data.
270 <400> SEQUENCE: 21
271 gatcccatg gaatctaggt ggctgcgcg ggcgatatct 40
274 <210> SEQ ID NO: 22
275 <211> LENGTH: 40
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: E2L: Unique non-biological sequence for representation of
data.
282 <400> SEQUENCE: 22
283 ctagagatat cgccccgcgc agccacctag attccatggg 40

286 <210> SEQ ID NO: 23
287 <211> LENGTH: 40

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/937,727A

DATE: 07/17/2002

TIME: 09:21:14

Input Set : A:\EP.txt

Output Set : N:\CRF3\07172002\I937727A.raw

```

288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: E3U: Unique non-biological sequence for representation of
data.
294 <400> SEQUENCE: 23
295 gatcccatg gaatccgcaa gcccgaaggc cccgatatct          40
298 <210> SEQ ID NO: 24
299 <211> LENGTH: 40
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: E3L: Unique non-biological sequence for representation of
data.
306 <400> SEQUENCE: 24
307 ctagagatat cggggccttg gggcttgcg attccatggg          40
310 <210> SEQ ID NO: 25
311 <211> LENGTH: 26
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: X0U: Unique non-biological sequence for representation of
data.
318 <400> SEQUENCE: 25
319 ctagcgtatg ccctgtagtt tggagc          26
322 <210> SEQ ID NO: 26
323 <211> LENGTH: 26
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: X0L: Unique non-biological sequence for representation of
data.
330 <400> SEQUENCE: 26
331 catggctcca aactacaggg catacg          26
334 <210> SEQ ID NO: 27
335 <211> LENGTH: 26
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: X1U: Unique non-biological sequence for representation of
data.
342 <400> SEQUENCE: 27
343 ctagcgtaaa gccaactgta ccctgc          26
346 <210> SEQ ID NO: 28
347 <211> LENGTH: 26
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
352 <223> OTHER INFORMATION: X1L: Unique non-biological sequence for representation of
data.
354 <400> SEQUENCE: 28
355 catggcaggg tacagttggc tttagc          26
358 <210> SEQ ID NO: 29

```

359 <211> LENGTH: 26
360 <212> TYPE: DNA

VERIFICATION SUMMARY

DATE: 07/17/2002

PATENT APPLICATION: US/09/937,727A

TIME: 09:21:15

Input Set : A:\EP.txt

Output Set: N:\CRF3\07172002\I937727A.raw

L:10 M:201 W: Mandatory field data missing, <130> FILE REFERENCE

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date